

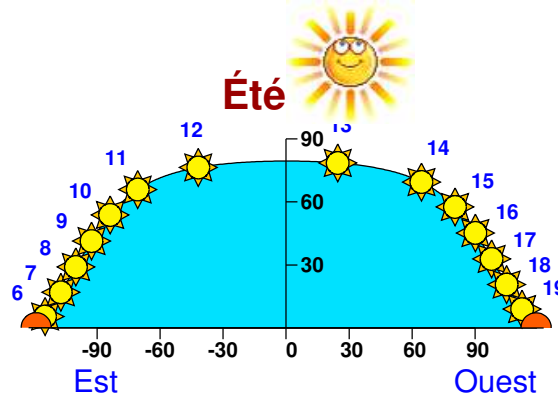
# Calendrier solaire 2017

Produit par *ScientiDev*  
www.scientidev.fr

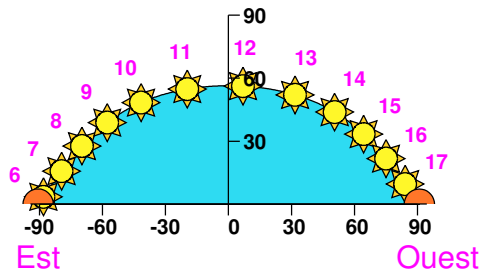
Jounieh

35.62°E, 33.97°N

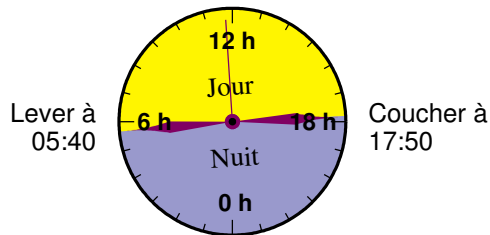
Été



Printemps

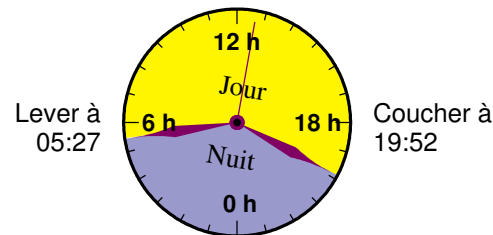


Durée jour: 12:10



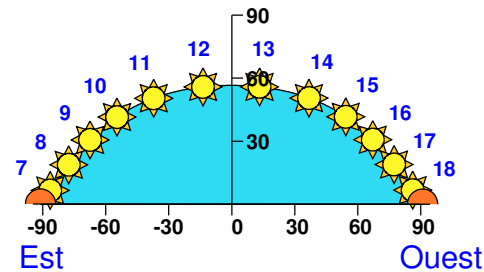
Équinoxe de printemps

Durée jour: 14:25

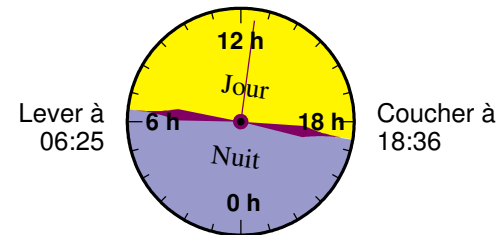


Solstice d'été

Automne

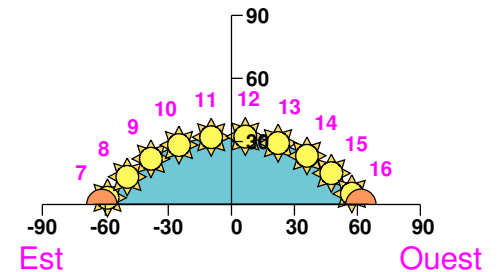


Durée jour: 12:11

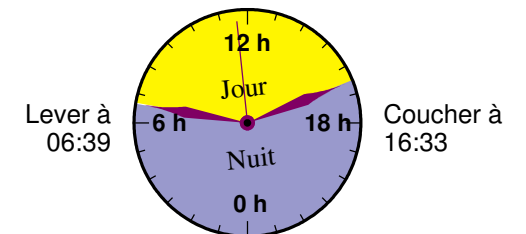


Équinoxe d'automne

Hiver

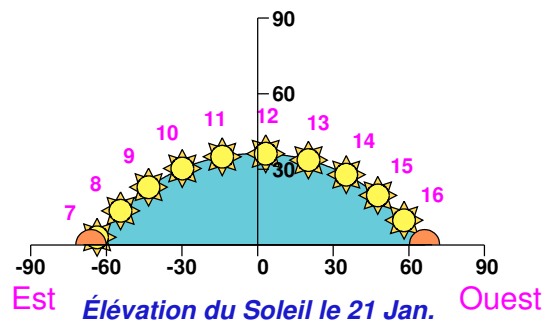


Durée jour: 9:53



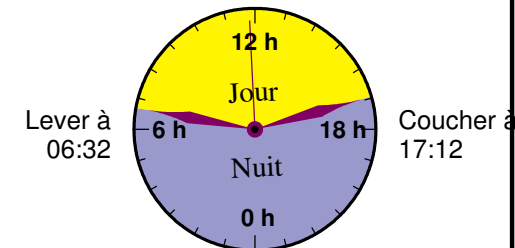
Solstice d'hiver

# Janvier 2017



Jounieh

35.62°E, 33.97°N



Durée du jour le 21 Janvier

Levers et couchers du Soleil à Jounieh (TL ± 1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

**Lundi**

**Mardi**

**Mercredi**

**Jeudi**

**Vendredi**

**Samedi**

**Dimanche**

1

**2** 2 - 363  
06:43 - 16:40  
  
9:57 +1 m. 33°

**3** 3 - 362  
06:43 - 16:41  
  
9:57 +0 m. 33°

**4** 4 - 361  
06:44 - 16:42  
  
9:58 +1 m. 33°

**5** 5 - 360  
06:44 - 16:43  
  
9:59 +1 m. 33°

**6** 6 - 359  
06:44 - 16:44  
  
9:59 +0 m. 34°

**7** 7 - 358  
06:44 - 16:44  
  
10:01 +2 m. 34°

**8** 8 - 357  
06:44 - 16:45  
  
10:02 +1 m. 34°

2

**9** 9 - 356  
06:44 - 16:46  
  
10:03 +1 m. 34°

**10** 10 - 355  
06:44 - 16:47  
  
10:04 +1 m. 34°

**11** 11 - 354  
06:44 - 16:48  
  
10:04 +0 m. 34°

**12** 12 - 353  
06:43 - 16:49  
  
10:06 +2 m. 34°

**13** 13 - 352  
06:43 - 16:50  
  
10:07 +1 m. 35°

**14** 14 - 351  
06:43 - 16:51  
  
10:08 +1 m. 35°

**15** 15 - 350  
06:43 - 16:52  
  
10:09 +1 m. 35°

3

**16** 16 - 349  
06:43 - 16:53  
  
10:10 +1 m. 35°

**17** 17 - 348  
06:42 - 16:54  
  
10:11 +1 m. 35°

**18** 18 - 347  
06:42 - 16:55  
  
10:13 +2 m. 36°

**19** 19 - 346  
06:42 - 16:55  
  
10:14 +1 m. 36°

**20** 20 - 345  
06:41 - 16:56  
  
10:15 +1 m. 36°

**21** 21 - 344  
06:41 - 16:57  
  
10:17 +2 m. 36°

**22** 22 - 343  
06:40 - 16:58  
  
10:18 +1 m. 36°

4

**23** 23 - 342  
06:40 - 16:59  
  
10:19 +1 m. 37°

**24** 24 - 341  
06:40 - 17:00  
  
10:21 +2 m. 37°

**25** 25 - 340  
06:39 - 17:01  
  
10:22 +1 m. 37°

**26** 26 - 339  
06:38 - 17:02  
  
10:24 +2 m. 37°

**27** 27 - 338  
06:38 - 17:03  
  
10:26 +2 m. 38°

**28** 28 - 337  
06:37 - 17:04  
  
10:27 +1 m. 38°

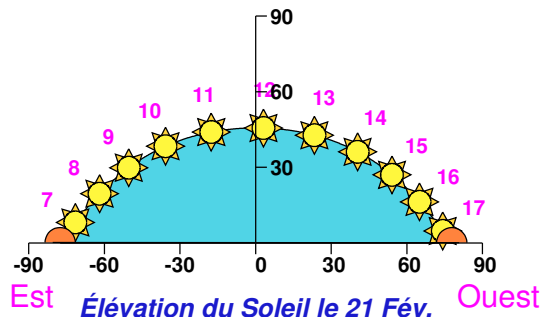
**29** 29 - 336  
06:37 - 17:05  
  
10:29 +2 m. 38°

5

**30** 30 - 335  
06:36 - 17:06  
  
10:30 +1 m. 39°

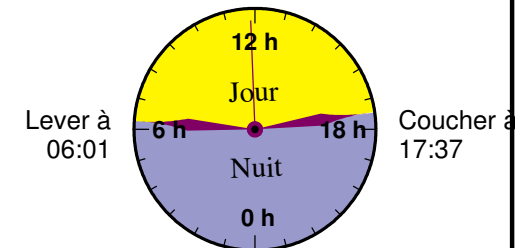
**31** 31 - 334  
06:35 - 17:07  
  
10:32 +2 m. 39°

# Février 2017



Jounieh

35.62°E, 33.97°N



Durée du jour le 21 Février

Levers et couchers du Soleil à Jounieh (TL ± 1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

5

**1** 32 - 333  
06:35 - 17:08

10:34 +2 m. 39°

**2** 33 - 332  
06:34 - 17:09

10:35 +1 m. 39°

**3** 34 - 331  
06:33 - 17:10

10:37 +2 m. 40°

**4** 35 - 330  
06:32 - 17:11

10:39 +2 m. 40°

**5** 36 - 329  
06:32 - 17:12

10:41 +2 m. 40°

6

**6** 37 - 328  
06:31 - 17:13

10:42 +1 m. 41°

**7** 38 - 327  
06:30 - 17:14

10:44 +2 m. 41°

**8** 39 - 326  
06:29 - 17:15

10:46 +2 m. 41°

**9** 40 - 325  
06:28 - 17:16

10:48 +2 m. 42°

**10** 41 - 324  
06:27 - 17:17

10:50 +2 m. 42°

**11** 42 - 323  
06:26 - 17:18

10:52 +2 m. 42°

**12** 43 - 322  
06:25 - 17:19

10:54 +2 m. 42°

7

**13** 44 - 321  
06:24 - 17:20

10:55 +1 m. 43°

**14** 45 - 320  
06:23 - 17:21

10:57 +2 m. 43°

**15** 46 - 319  
06:22 - 17:22

10:59 +2 m. 44°

**16** 47 - 318  
06:21 - 17:23

11:01 +2 m. 44°

**17** 48 - 317  
06:20 - 17:24

11:03 +2 m. 44°

**18** 49 - 316  
06:19 - 17:24

11:05 +2 m. 45°

**19** 50 - 315  
06:18 - 17:25

11:07 +2 m. 45°

8

**20** 51 - 314  
06:17 - 17:26

11:09 +2 m. 45°

**21** 52 - 313  
06:16 - 17:27

11:11 +2 m. 46°

**22** 53 - 312  
06:15 - 17:28

11:13 +2 m. 46°

**23** 54 - 311  
06:14 - 17:29

11:15 +2 m. 46°

**24** 55 - 310  
06:12 - 17:30

11:17 +2 m. 47°

**25** 56 - 309  
06:11 - 17:31

11:19 +2 m. 47°

**26** 57 - 308  
06:10 - 17:32

11:22 +3 m. 47°

9

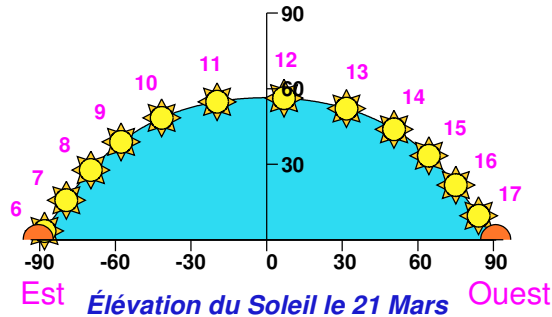
**27** 58 - 307  
06:09 - 17:32

11:24 +2 m. 48°

**28** 59 - 306  
06:08 - 17:33

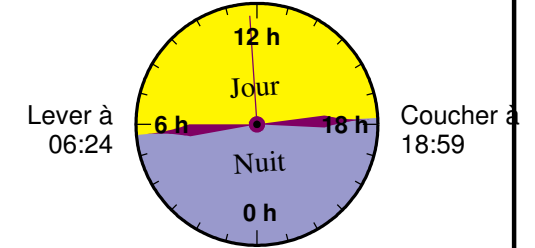
11:26 +2 m. 48°

# Mars 2017



Jounieh

35.62°E, 33.97°N



Durée du jour le 21 Mars

Levers et couchers du Soleil à Jounieh (TL  $\pm$  1 mn)

Heure d'été le 26 Mars

Durée du jour - Variation - Élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

9

**1** 60 - 305  
06:06 - 17:34

11:28 +2 m. 49°

**2** 61 - 304  
06:05 - 17:35

11:30 +2 m. 49°

**3** 62 - 303  
06:04 - 17:36

11:32 +2 m. 49°

**4** 63 - 302  
06:03 - 17:37

11:34 +2 m. 50°

**5** 64 - 301  
06:01 - 17:37

11:36 +2 m. 50°

10

**6** 65 - 300  
06:00 - 17:38

11:38 +2 m. 51°

**7** 66 - 299  
05:59 - 17:39

11:40 +2 m. 51°

**8** 67 - 298  
05:58 - 17:40

11:42 +2 m. 51°

**9** 68 - 297  
05:56 - 17:41

11:45 +3 m. 52°

**10** 69 - 296  
05:55 - 17:41

11:47 +2 m. 52°

**11** 70 - 295  
05:54 - 17:42

11:49 +2 m. 52°

**12** 71 - 294  
05:52 - 17:43

11:51 +2 m. 53°

11

**13** 72 - 293  
05:51 - 17:44

11:53 +2 m. 53°

**14** 73 - 292  
05:50 - 17:45

11:55 +2 m. 54°

**15** 74 - 291  
05:48 - 17:45

11:57 +2 m. 54°

**16** 75 - 290  
05:47 - 17:46

11:59 +2 m. 54°

**17** 76 - 289  
05:46 - 17:47

12:01 +2 m. 55°

**18** 77 - 288  
05:44 - 17:48

12:04 +3 m. 55°

**19** 78 - 287  
05:43 - 17:49

12:06 +2 m. 56°

12

**20** 79 - 286  
05:41 - 17:49

12:08 +2 m. 56°

**21** 80 - 285  
05:40 - 17:50

12:10 +2 m. 56°

**22** 81 - 284  
05:39 - 17:51

12:12 +2 m. 57°

**23** 82 - 283  
05:37 - 17:52

12:14 +2 m. 57°

**24** 83 - 282  
05:36 - 17:52

12:16 +2 m. 58°

**25** 84 - 281  
05:35 - 17:53

12:19 +3 m. 58°

**26** 85 - 280  
06:33 - 18:54

12:21 +2 m. 58°

13

**27** 86 - 279  
06:32 - 18:55

12:23 +2 m. 59°

**28** 87 - 278  
06:31 - 18:55

12:25 +2 m. 59°

**29** 88 - 277  
06:29 - 18:56

12:27 +2 m. 60°

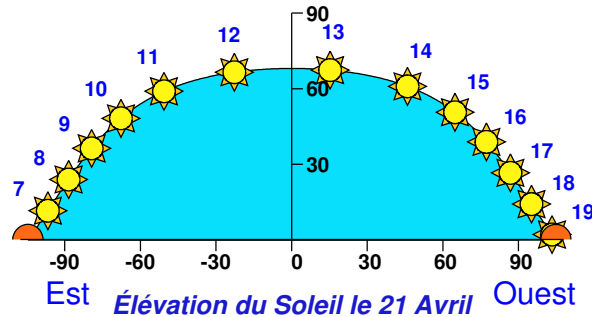
**30** 89 - 276  
06:28 - 18:57

12:29 +2 m. 60°

**31** 90 - 275  
06:27 - 18:58

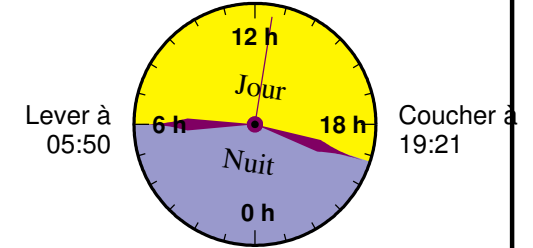
12:31 +2 m. 60°

# Avril 2017



Jounieh

35.62°E, 33.97°N



Durée du jour le 21 Avril

Levers et couchers du Soleil à Jounieh (TL ± 1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

13

14

15

16

17

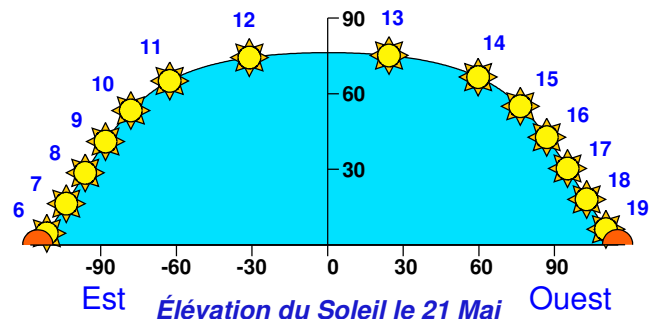
|                                                                                    |                                                                                    |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>1</b><br>91 - 274<br>06:25 - 18:58<br><input type="text"/><br>12:33 +2 m. 61°   | <b>2</b><br>92 - 273<br>06:24 - 18:59<br><input type="text"/><br>12:36 +3 m. 61°   |
| <b>8</b><br>98 - 267<br>06:16 - 19:04<br><input type="text"/><br>12:48 +2 m. 63°   | <b>9</b><br>99 - 266<br>06:15 - 19:04<br><input type="text"/><br>12:50 +2 m. 64°   |
| <b>15</b><br>105 - 260<br>06:07 - 19:09<br><input type="text"/><br>13:02 +2 m. 66° | <b>16</b><br>106 - 259<br>06:06 - 19:10<br><input type="text"/><br>13:04 +2 m. 66° |
| <b>22</b><br>112 - 253<br>05:58 - 19:14<br><input type="text"/><br>13:16 +2 m. 68° | <b>23</b><br>113 - 252<br>05:57 - 19:15<br><input type="text"/><br>13:18 +2 m. 69° |
| <b>29</b><br>119 - 246<br>05:51 - 19:20<br><input type="text"/><br>13:29 +2 m. 71° | <b>30</b><br>120 - 245<br>05:50 - 19:21<br><input type="text"/><br>13:31 +2 m. 71° |

|                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>3</b><br>93 - 272<br>06:22 - 19:00<br><input type="text"/><br>12:38 +2 m. 61°   | <b>4</b><br>94 - 271<br>06:21 - 19:01<br><input type="text"/><br>12:40 +2 m. 62°   | <b>5</b><br>95 - 270<br>06:20 - 19:01<br><input type="text"/><br>12:42 +2 m. 62°   | <b>6</b><br>96 - 269<br>06:18 - 19:02<br><input type="text"/><br>12:44 +2 m. 63°   | <b>7</b><br>97 - 268<br>06:17 - 19:03<br><input type="text"/><br>12:46 +2 m. 63°   |
| <b>10</b><br>100 - 265<br>06:13 - 19:05<br><input type="text"/><br>12:52 +2 m. 64° | <b>11</b><br>101 - 264<br>06:12 - 19:06<br><input type="text"/><br>12:54 +2 m. 64° | <b>12</b><br>102 - 263<br>06:11 - 19:07<br><input type="text"/><br>12:56 +2 m. 65° | <b>13</b><br>103 - 262<br>06:09 - 19:08<br><input type="text"/><br>12:58 +2 m. 65° | <b>14</b><br>104 - 261<br>06:08 - 19:08<br><input type="text"/><br>13:00 +2 m. 66° |
| <b>17</b><br>107 - 258<br>06:04 - 19:11<br><input type="text"/><br>13:06 +2 m. 67° | <b>18</b><br>108 - 257<br>06:03 - 19:11<br><input type="text"/><br>13:08 +2 m. 67° | <b>19</b><br>109 - 256<br>06:02 - 19:12<br><input type="text"/><br>13:10 +2 m. 67° | <b>20</b><br>110 - 255<br>06:01 - 19:13<br><input type="text"/><br>13:12 +2 m. 68° | <b>21</b><br>111 - 254<br>06:00 - 19:14<br><input type="text"/><br>13:14 +2 m. 68° |
| <b>24</b><br>114 - 251<br>05:56 - 19:16<br><input type="text"/><br>13:20 +2 m. 69° | <b>25</b><br>115 - 250<br>05:55 - 19:17<br><input type="text"/><br>13:22 +2 m. 69° | <b>26</b><br>116 - 249<br>05:54 - 19:18<br><input type="text"/><br>13:24 +2 m. 70° | <b>27</b><br>117 - 248<br>05:53 - 19:18<br><input type="text"/><br>13:25 +1 m. 70° | <b>28</b><br>118 - 247<br>05:52 - 19:19<br><input type="text"/><br>13:27 +2 m. 70° |

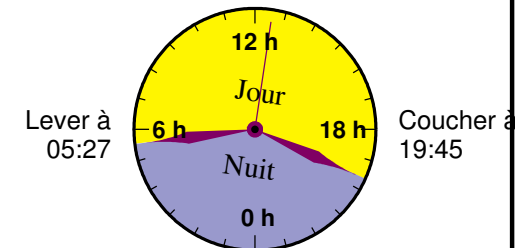
# Mai 2017

Jounieh

35.62°E, 33.97°N



Est Élévation du Soleil le 21 Mai Ouest



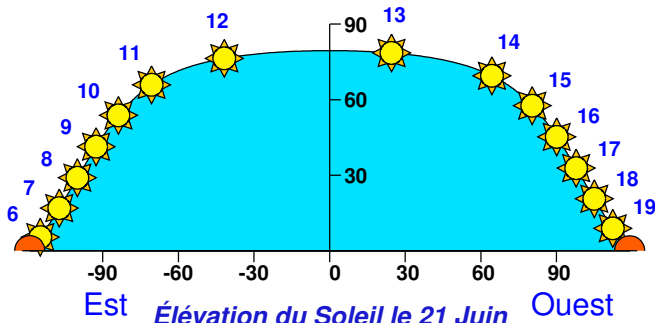
Durée du jour le 21 Mai

Levers et couchers du Soleil à Jounieh (TL ± 1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

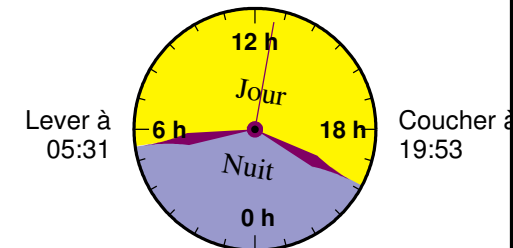
|    | Lundi                                                               | Mardi                                                               | Mercredi                                                            | Jeudi                                                               | Vendredi                                                            | Samedi                                                              | Dimanche                                                            |
|----|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|
| 18 | <b>1</b> 121 - 244<br>05:49 - 19:21<br><div></div> 13:33 +2 m. 71°  | <b>2</b> 122 - 243<br>05:48 - 19:22<br><div></div> 13:35 +2 m. 72°  | <b>3</b> 123 - 242<br>05:47 - 19:23<br><div></div> 13:36 +1 m. 72°  | <b>4</b> 124 - 241<br>05:46 - 19:24<br><div></div> 13:38 +2 m. 72°  | <b>5</b> 125 - 240<br>05:45 - 19:25<br><div></div> 13:40 +2 m. 72°  | <b>6</b> 126 - 239<br>05:44 - 19:25<br><div></div> 13:42 +2 m. 73°  | <b>7</b> 127 - 238<br>05:43 - 19:26<br><div></div> 13:43 +1 m. 73°  |
| 19 | <b>8</b> 128 - 237<br>05:42 - 19:27<br><div></div> 13:45 +2 m. 73°  | <b>9</b> 129 - 236<br>05:41 - 19:28<br><div></div> 13:47 +2 m. 73°  | <b>10</b> 130 - 235<br>05:40 - 19:28<br><div></div> 13:48 +1 m. 74° | <b>11</b> 131 - 234<br>05:39 - 19:29<br><div></div> 13:50 +2 m. 74° | <b>12</b> 132 - 233<br>05:39 - 19:30<br><div></div> 13:51 +1 m. 74° | <b>13</b> 133 - 232<br>05:38 - 19:31<br><div></div> 13:53 +2 m. 75° | <b>14</b> 134 - 231<br>05:37 - 19:31<br><div></div> 13:54 +1 m. 75° |
| 20 | <b>15</b> 135 - 230<br>05:36 - 19:32<br><div></div> 13:56 +2 m. 75° | <b>16</b> 136 - 229<br>05:36 - 19:33<br><div></div> 13:57 +1 m. 75° | <b>17</b> 137 - 228<br>05:35 - 19:34<br><div></div> 13:59 +2 m. 75° | <b>18</b> 138 - 227<br>05:34 - 19:34<br><div></div> 14:00 +1 m. 76° | <b>19</b> 139 - 226<br>05:34 - 19:35<br><div></div> 14:02 +2 m. 76° | <b>20</b> 140 - 225<br>05:33 - 19:36<br><div></div> 14:03 +1 m. 76° | <b>21</b> 141 - 224<br>05:32 - 19:37<br><div></div> 14:04 +1 m. 76° |
| 21 | <b>22</b> 142 - 223<br>05:32 - 19:37<br><div></div> 14:05 +1 m. 76° | <b>23</b> 143 - 222<br>05:31 - 19:38<br><div></div> 14:07 +2 m. 77° | <b>24</b> 144 - 221<br>05:31 - 19:39<br><div></div> 14:08 +1 m. 77° | <b>25</b> 145 - 220<br>05:30 - 19:39<br><div></div> 14:09 +1 m. 77° | <b>26</b> 146 - 219<br>05:30 - 19:40<br><div></div> 14:10 +1 m. 77° | <b>27</b> 147 - 218<br>05:29 - 19:41<br><div></div> 14:11 +1 m. 77° | <b>28</b> 148 - 217<br>05:29 - 19:41<br><div></div> 14:12 +1 m. 78° |
| 22 | <b>29</b> 149 - 216<br>05:29 - 19:42<br><div></div> 14:13 +1 m. 78° | <b>30</b> 150 - 215<br>05:28 - 19:43<br><div></div> 14:14 +1 m. 78° | <b>31</b> 151 - 214<br>05:28 - 19:43<br><div></div> 14:15 +1 m. 78° |                                                                     |                                                                     |                                                                     |                                                                     |

# Juin 2017



Jounieh

35.62°E, 33.97°N



Durée du jour le 21 Juin

Levers et couchers du Soleil à Jounieh (TL ± 1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

22

**1** 152 - 213  
05:28 - 19:44  
14:16 +1 m. 78°

**2** 153 - 212  
05:27 - 19:44  
14:17 +1 m. 78°

**3** 154 - 211  
05:27 - 19:45  
14:18 +1 m. 78°

**4** 155 - 210  
05:27 - 19:45  
14:19 +1 m. 79°

23

**5** 156 - 209  
05:27 - 19:46  
14:20 +1 m. 79°

**6** 157 - 208  
05:26 - 19:47  
14:20 +0 m. 79°

**7** 158 - 207  
05:26 - 19:47  
14:21 +1 m. 79°

**8** 159 - 206  
05:26 - 19:48  
14:21 +0 m. 79°

**9** 160 - 205  
05:26 - 19:48  
14:22 +1 m. 79°

**10** 161 - 204  
05:26 - 19:48  
14:22 +0 m. 79°

**11** 162 - 203  
05:26 - 19:49  
14:23 +1 m. 79°

24

**12** 163 - 202  
05:26 - 19:49  
14:23 +0 m. 79°

**13** 164 - 201  
05:26 - 19:50  
14:24 +1 m. 79°

**14** 165 - 200  
05:26 - 19:50  
14:24 +0 m. 79°

**15** 166 - 199  
05:26 - 19:50  
14:24 +0 m. 79°

**16** 167 - 198  
05:26 - 19:51  
14:25 +1 m. 79°

**17** 168 - 197  
05:26 - 19:51  
14:25 +0 m. 79°

**18** 169 - 196  
05:26 - 19:51  
14:25 +0 m. 79°

25

**19** 170 - 195  
05:27 - 19:52  
14:25 +0 m. 79°

**20** 171 - 194  
05:27 - 19:52  
14:25 +0 m. 79°

**21** 172 - 193  
05:27 - 19:52  
14:25 +0 m. 79°

**22** 173 - 192  
05:27 - 19:52  
14:25 +0 m. 79°

**23** 174 - 191  
05:27 - 19:52  
14:25 +0 m. 79°

**24** 175 - 190  
05:28 - 19:53  
14:25 +0 m. 79°

**25** 176 - 189  
05:28 - 19:53  
14:25 +0 m. 79°

26

**26** 177 - 188  
05:28 - 19:53  
14:25 +0 m. 79°

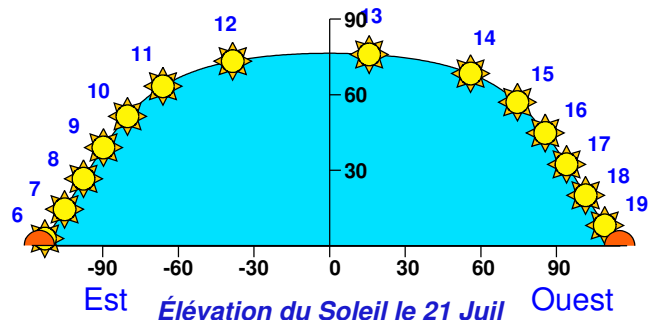
**27** 178 - 187  
05:29 - 19:53  
14:24 -1 m. 79°

**28** 179 - 186  
05:29 - 19:53  
14:24 +0 m. 79°

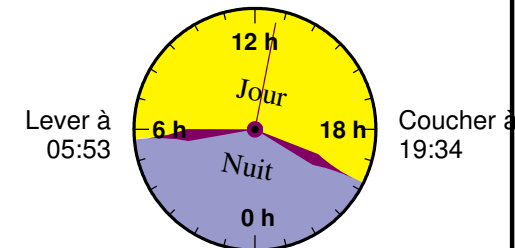
**29** 180 - 185  
05:29 - 19:53  
14:24 +0 m. 79°

**30** 181 - 184  
05:30 - 19:53  
14:23 -1 m. 79°

# Juillet 2017



Jounieh  
35.62°E, 33.97°N



Durée du jour le 21 Juillet

Levers et couchers du Soleil à Jounieh (TL ± 1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

26

27

28

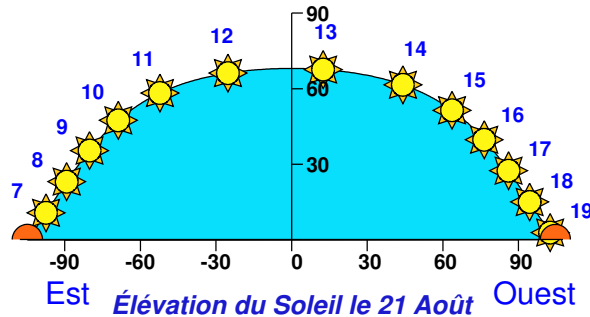
29

30

31

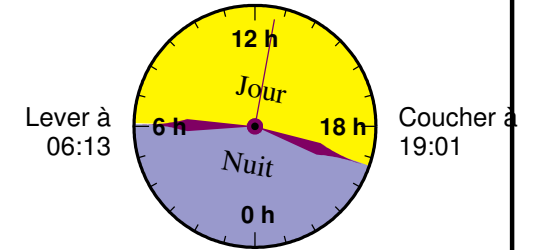
|                                                                |                                                                |                                                                |                                                                |                                                                |                                                                |                                                                |
|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
|                                                                |                                                                |                                                                |                                                                |                                                                | <b>1</b><br>182 - 183<br>05:30 - 19:53<br><br>14:23 +0 m. 79°  | <b>2</b><br>183 - 182<br>05:31 - 19:53<br><br>14:22 -1 m. 79°  |
| <b>3</b><br>184 - 181<br>05:31 - 19:53<br><br>14:22 +0 m. 79°  | <b>4</b><br>185 - 180<br>05:32 - 19:53<br><br>14:21 -1 m. 79°  | <b>5</b><br>186 - 179<br>05:32 - 19:52<br><br>14:21 +0 m. 79°  | <b>6</b><br>187 - 178<br>05:32 - 19:52<br><br>14:20 -1 m. 79°  | <b>7</b><br>188 - 177<br>05:33 - 19:52<br><br>14:19 -1 m. 79°  | <b>8</b><br>189 - 176<br>05:34 - 19:52<br><br>14:18 -1 m. 78°  | <b>9</b><br>190 - 175<br>05:34 - 19:52<br><br>14:18 +0 m. 78°  |
| <b>10</b><br>191 - 174<br>05:35 - 19:51<br><br>14:17 -1 m. 78° | <b>11</b><br>192 - 173<br>05:35 - 19:51<br><br>14:16 -1 m. 78° | <b>12</b><br>193 - 172<br>05:36 - 19:51<br><br>14:15 -1 m. 78° | <b>13</b><br>194 - 171<br>05:36 - 19:50<br><br>14:14 -1 m. 78° | <b>14</b><br>195 - 170<br>05:37 - 19:50<br><br>14:13 -1 m. 78° | <b>15</b><br>196 - 169<br>05:38 - 19:49<br><br>14:12 -1 m. 77° | <b>16</b><br>197 - 168<br>05:38 - 19:49<br><br>14:11 -1 m. 77° |
| <b>17</b><br>198 - 167<br>05:39 - 19:49<br><br>14:10 -1 m. 77° | <b>18</b><br>199 - 166<br>05:39 - 19:48<br><br>14:09 -1 m. 77° | <b>19</b><br>200 - 165<br>05:40 - 19:48<br><br>14:08 -1 m. 77° | <b>20</b><br>201 - 164<br>05:41 - 19:47<br><br>14:06 -2 m. 77° | <b>21</b><br>202 - 163<br>05:41 - 19:46<br><br>14:05 -1 m. 76° | <b>22</b><br>203 - 162<br>05:42 - 19:46<br><br>14:04 -1 m. 76° | <b>23</b><br>204 - 161<br>05:43 - 19:45<br><br>14:03 -1 m. 76° |
| <b>24</b><br>205 - 160<br>05:44 - 19:45<br><br>14:01 -2 m. 76° | <b>25</b><br>206 - 159<br>05:44 - 19:44<br><br>14:00 -1 m. 76° | <b>26</b><br>207 - 158<br>05:45 - 19:43<br><br>13:58 -2 m. 75° | <b>27</b><br>208 - 157<br>05:46 - 19:42<br><br>13:57 -1 m. 75° | <b>28</b><br>209 - 156<br>05:46 - 19:42<br><br>13:56 -1 m. 75° | <b>29</b><br>210 - 155<br>05:47 - 19:41<br><br>13:54 -2 m. 75° | <b>30</b><br>211 - 154<br>05:48 - 19:40<br><br>13:52 -2 m. 74° |
| <b>31</b><br>212 - 153<br>05:48 - 19:39<br><br>13:51 -1 m. 74° |                                                                |                                                                |                                                                |                                                                |                                                                |                                                                |

# Août 2017



Jounieh

35.62°E, 33.97°N



**Durée du jour le 21 Août**

Levers et couchers du Soleil à Jounieh (TL ± 1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

**Lundi**

**Mardi**

**Mercredi**

**Jeudi**

**Vendredi**

**Samedi**

**Dimanche**

31

**1** 213 - 152  
05:49 - 19:38  
  
13:49 -2 m. 74°

**2** 214 - 151  
05:50 - 19:38  
  
13:48 -1 m. 74°

**3** 215 - 150  
05:51 - 19:37  
  
13:46 -2 m. 73°

**4** 216 - 149  
05:51 - 19:36  
  
13:45 -1 m. 73°

**5** 217 - 148  
05:52 - 19:35  
  
13:43 -2 m. 73°

**6** 218 - 147  
05:53 - 19:34  
  
13:41 -2 m. 73°

32

**7** 219 - 146  
05:53 - 19:33  
  
13:40 -1 m. 72°

**8** 220 - 145  
05:54 - 19:32  
  
13:38 -2 m. 72°

**9** 221 - 144  
05:55 - 19:31  
  
13:36 -2 m. 72°

**10** 222 - 143  
05:56 - 19:30  
  
13:34 -2 m. 71°

**11** 223 - 142  
05:56 - 19:29  
  
13:33 -1 m. 71°

**12** 224 - 141  
05:57 - 19:28  
  
13:31 -2 m. 71°

**13** 225 - 140  
05:58 - 19:27  
  
13:29 -2 m. 71°

33

**14** 226 - 139  
05:59 - 19:26  
  
13:27 -2 m. 70°

**15** 227 - 138  
05:59 - 19:25  
  
13:25 -2 m. 70°

**16** 228 - 137  
06:00 - 19:23  
  
13:24 -1 m. 70°

**17** 229 - 136  
06:01 - 19:22  
  
13:22 -2 m. 69°

**18** 230 - 135  
06:01 - 19:21  
  
13:20 -2 m. 69°

**19** 231 - 134  
06:02 - 19:20  
  
13:18 -2 m. 69°

**20** 232 - 133  
06:03 - 19:19  
  
13:16 -2 m. 68°

34

**21** 233 - 132  
06:04 - 19:18  
  
13:14 -2 m. 68°

**22** 234 - 131  
06:04 - 19:16  
  
13:12 -2 m. 68°

**23** 235 - 130  
06:05 - 19:15  
  
13:10 -2 m. 67°

**24** 236 - 129  
06:06 - 19:14  
  
13:08 -2 m. 67°

**25** 237 - 128  
06:06 - 19:13  
  
13:06 -2 m. 67°

**26** 238 - 127  
06:07 - 19:11  
  
13:04 -2 m. 66°

**27** 239 - 126  
06:08 - 19:10  
  
13:02 -2 m. 66°

35

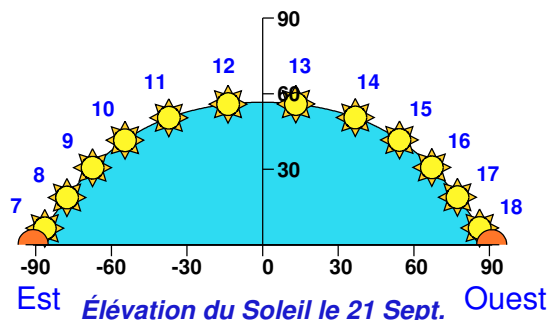
**28** 240 - 125  
06:08 - 19:09  
  
13:00 -2 m. 66°

**29** 241 - 124  
06:09 - 19:07  
  
12:58 -2 m. 65°

**30** 242 - 123  
06:10 - 19:06  
  
12:56 -2 m. 65°

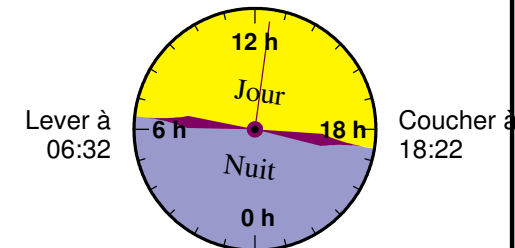
**31** 243 - 122  
06:11 - 19:05  
  
12:54 -2 m. 65°

# Septembre 2017



Jounieh

35.62°E, 33.97°N



Durée du jour le 21 Septembre

Levers et couchers du Soleil à Jounieh (TL  $\pm$  1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

35

36

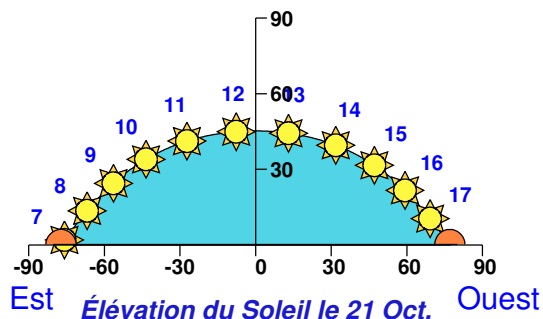
37

38

39

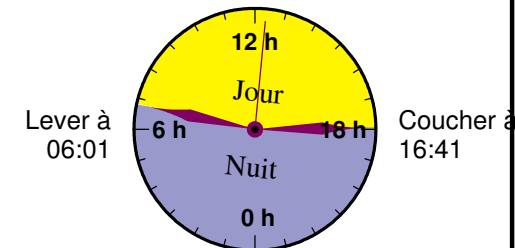
|                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |                                                         |
|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| <b>4</b> 247 - 118<br>06:13 - 18:59<br>12:46 -2 m. 63°  | <b>5</b> 248 - 117<br>06:14 - 18:58<br>12:44 -2 m. 63°  | <b>6</b> 249 - 116<br>06:15 - 18:57<br>12:42 -2 m. 62°  | <b>7</b> 250 - 115<br>06:15 - 18:55<br>12:40 -2 m. 62°  | <b>1</b> 244 - 121<br>06:11 - 19:04<br>12:52 -2 m. 64°  | <b>2</b> 245 - 120<br>06:12 - 19:02<br>12:50 -2 m. 64°  | <b>3</b> 246 - 119<br>06:13 - 19:01<br>12:48 -2 m. 63°  |
| <b>11</b> 254 - 111<br>06:18 - 18:50<br>12:32 -2 m. 60° | <b>12</b> 255 - 110<br>06:19 - 18:48<br>12:30 -2 m. 60° | <b>13</b> 256 - 109<br>06:20 - 18:47<br>12:28 -2 m. 60° | <b>14</b> 257 - 108<br>06:20 - 18:46<br>12:26 -2 m. 59° | <b>8</b> 251 - 114<br>06:16 - 18:54<br>12:38 -2 m. 62°  | <b>9</b> 252 - 113<br>06:17 - 18:53<br>12:36 -2 m. 61°  | <b>10</b> 253 - 112<br>06:17 - 18:51<br>12:34 -2 m. 61° |
| <b>18</b> 261 - 104<br>06:23 - 18:40<br>12:17 -2 m. 58° | <b>19</b> 262 - 103<br>06:24 - 18:39<br>12:15 -2 m. 57° | <b>20</b> 263 - 102<br>06:24 - 18:37<br>12:13 -2 m. 57° | <b>21</b> 264 - 101<br>06:25 - 18:36<br>12:11 -2 m. 57° | <b>15</b> 258 - 107<br>06:21 - 18:44<br>12:23 -3 m. 59° | <b>16</b> 259 - 106<br>06:22 - 18:43<br>12:21 -2 m. 59° | <b>17</b> 260 - 105<br>06:22 - 18:41<br>12:19 -2 m. 58° |
| <b>25</b> 268 - 97<br>06:28 - 18:30<br>12:03 -2 m. 55°  | <b>26</b> 269 - 96<br>06:29 - 18:29<br>12:00 -3 m. 55°  | <b>27</b> 270 - 95<br>06:29 - 18:28<br>11:58 -2 m. 54°  | <b>28</b> 271 - 94<br>06:30 - 18:26<br>11:56 -2 m. 54°  | <b>22</b> 265 - 100<br>06:26 - 18:34<br>12:09 -2 m. 56° | <b>23</b> 266 - 99<br>06:26 - 18:33<br>12:07 -2 m. 56°  | <b>24</b> 267 - 98<br>06:27 - 18:32<br>12:05 -2 m. 55°  |
|                                                         |                                                         |                                                         |                                                         | <b>29</b> 272 - 93<br>06:31 - 18:25<br>11:54 -2 m. 53°  | <b>30</b> 273 - 92<br>06:31 - 18:23<br>11:52 -2 m. 53°  |                                                         |

# Octobre 2017



Jounieh

35.62°E, 33.97°N



Durée du jour le 21 Octobre

Levers et couchers du Soleil à Jounieh (TL  $\pm$  1 mn)

Heure d'hiver le 29 Octobre

Durée du jour - Variation - Élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

39

40

41

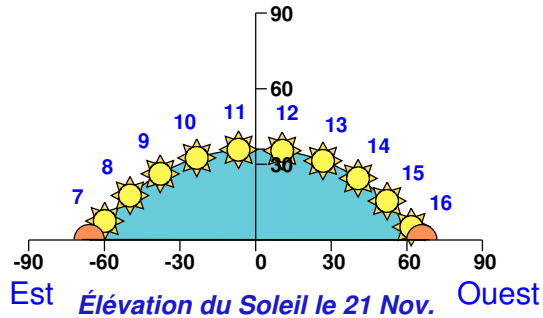
42

43

44

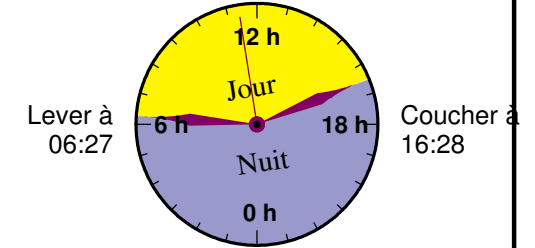
|                                                               |                                                               |                                                               |                                                               |                                                               |                                                               |                                                               |
|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| <b>2</b><br>275 - 90<br>06:33 - 18:21<br><br>11:48 -2 m. 52°  | <b>3</b><br>276 - 89<br>06:34 - 18:19<br><br>11:46 -2 m. 52°  | <b>4</b><br>277 - 88<br>06:34 - 18:18<br><br>11:44 -2 m. 52°  | <b>5</b><br>278 - 87<br>06:35 - 18:17<br><br>11:42 -2 m. 51°  | <b>6</b><br>279 - 86<br>06:36 - 18:15<br><br>11:40 -2 m. 51°  | <b>7</b><br>280 - 85<br>06:37 - 18:14<br><br>11:37 -3 m. 50°  | <b>8</b><br>281 - 84<br>06:37 - 18:13<br><br>11:35 -2 m. 50°  |
| <b>9</b><br>282 - 83<br>06:38 - 18:11<br><br>11:33 -2 m. 50°  | <b>10</b><br>283 - 82<br>06:39 - 18:10<br><br>11:31 -2 m. 49° | <b>11</b><br>284 - 81<br>06:40 - 18:09<br><br>11:29 -2 m. 49° | <b>12</b><br>285 - 80<br>06:40 - 18:07<br><br>11:27 -2 m. 49° | <b>13</b><br>286 - 79<br>06:41 - 18:06<br><br>11:25 -2 m. 48° | <b>14</b><br>287 - 78<br>06:42 - 18:05<br><br>11:23 -2 m. 48° | <b>15</b><br>288 - 77<br>06:43 - 18:04<br><br>11:21 -2 m. 47° |
| <b>16</b><br>289 - 76<br>06:44 - 18:02<br><br>11:19 -2 m. 47° | <b>17</b><br>290 - 75<br>06:44 - 18:01<br><br>11:17 -2 m. 47° | <b>18</b><br>291 - 74<br>06:45 - 18:00<br><br>11:15 -2 m. 46° | <b>19</b><br>292 - 73<br>06:46 - 17:59<br><br>11:13 -2 m. 46° | <b>20</b><br>293 - 72<br>06:47 - 17:58<br><br>11:11 -2 m. 46° | <b>21</b><br>294 - 71<br>06:48 - 17:57<br><br>11:09 -2 m. 45° | <b>22</b><br>295 - 70<br>06:48 - 17:55<br><br>11:07 -2 m. 45° |
| <b>23</b><br>296 - 69<br>06:49 - 17:54<br><br>11:05 -2 m. 45° | <b>24</b><br>297 - 68<br>06:50 - 17:53<br><br>11:03 -2 m. 44° | <b>25</b><br>298 - 67<br>06:51 - 17:52<br><br>11:01 -2 m. 44° | <b>26</b><br>299 - 66<br>06:52 - 17:51<br><br>10:59 -2 m. 43° | <b>27</b><br>300 - 65<br>06:53 - 17:50<br><br>10:57 -2 m. 43° | <b>28</b><br>301 - 64<br>06:54 - 17:49<br><br>10:55 -2 m. 43° | <b>29</b><br>302 - 63<br>05:54 - 16:48<br><br>10:54 -1 m. 42° |
| <b>30</b><br>303 - 62<br>05:55 - 16:47<br><br>10:52 -2 m. 42° | <b>31</b><br>304 - 61<br>05:56 - 16:46<br><br>10:50 -2 m. 42° |                                                               |                                                               |                                                               |                                                               |                                                               |

# Novembre 2017



Jounieh

35.62°E, 33.97°N



Durée du jour le 21 Novembre

Levers et couchers du Soleil à Jounieh (TL  $\pm$  1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

44

|                                                              |                                                              |                                                              |                                                              |                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| <b>1</b><br>305 - 60<br>05:57 - 16:45<br><br>10:48 -2 m. 42° | <b>2</b><br>306 - 59<br>05:58 - 16:44<br><br>10:46 -2 m. 41° | <b>3</b><br>307 - 58<br>05:59 - 16:43<br><br>10:44 -2 m. 41° | <b>4</b><br>308 - 57<br>06:00 - 16:42<br><br>10:42 -2 m. 41° | <b>5</b><br>309 - 56<br>06:01 - 16:41<br><br>10:41 -1 m. 40° |
|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|

45

|                                                              |                                                              |                                                              |                                                              |                                                               |                                                               |                                                               |
|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| <b>6</b><br>310 - 55<br>06:02 - 16:41<br><br>10:39 -2 m. 40° | <b>7</b><br>311 - 54<br>06:03 - 16:40<br><br>10:37 -2 m. 40° | <b>8</b><br>312 - 53<br>06:04 - 16:39<br><br>10:35 -2 m. 39° | <b>9</b><br>313 - 52<br>06:04 - 16:38<br><br>10:34 -1 m. 39° | <b>10</b><br>314 - 51<br>06:05 - 16:37<br><br>10:32 -2 m. 39° | <b>11</b><br>315 - 50<br>06:06 - 16:37<br><br>10:31 -1 m. 39° | <b>12</b><br>316 - 49<br>06:07 - 16:36<br><br>10:29 -2 m. 38° |
|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|

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|                                                               |                                                               |                                                               |                                                               |                                                               |                                                               |                                                               |
|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| <b>13</b><br>317 - 48<br>06:08 - 16:35<br><br>10:27 -2 m. 38° | <b>14</b><br>318 - 47<br>06:09 - 16:35<br><br>10:26 -1 m. 38° | <b>15</b><br>319 - 46<br>06:10 - 16:34<br><br>10:24 -2 m. 37° | <b>16</b><br>320 - 45<br>06:11 - 16:34<br><br>10:23 -1 m. 37° | <b>17</b><br>321 - 44<br>06:12 - 16:33<br><br>10:21 -2 m. 37° | <b>18</b><br>322 - 43<br>06:13 - 16:33<br><br>10:20 -1 m. 37° | <b>19</b><br>323 - 42<br>06:14 - 16:32<br><br>10:18 -2 m. 37° |
|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|

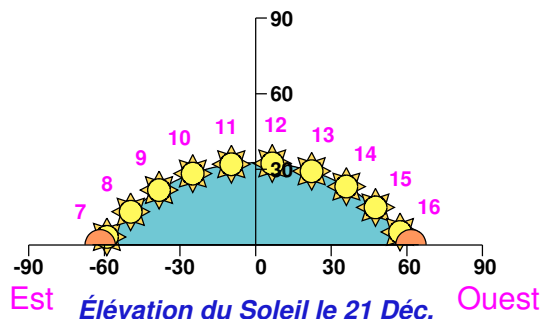
47

|                                                               |                                                               |                                                               |                                                               |                                                               |                                                               |                                                               |
|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| <b>20</b><br>324 - 41<br>06:15 - 16:32<br><br>10:17 -1 m. 36° | <b>21</b><br>325 - 40<br>06:16 - 16:31<br><br>10:15 -2 m. 36° | <b>22</b><br>326 - 39<br>06:17 - 16:31<br><br>10:14 -1 m. 36° | <b>23</b><br>327 - 38<br>06:18 - 16:30<br><br>10:13 -1 m. 36° | <b>24</b><br>328 - 37<br>06:19 - 16:30<br><br>10:12 -1 m. 35° | <b>25</b><br>329 - 36<br>06:19 - 16:30<br><br>10:10 -2 m. 35° | <b>26</b><br>330 - 35<br>06:20 - 16:29<br><br>10:09 -1 m. 35° |
|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|

48

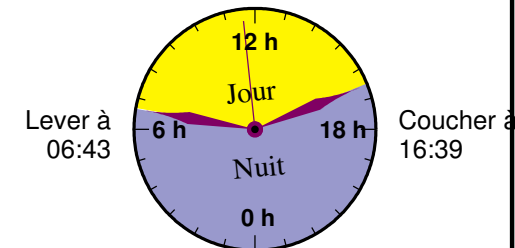
|                                                               |                                                               |                                                               |                                                               |
|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| <b>27</b><br>331 - 34<br>06:21 - 16:29<br><br>10:08 -1 m. 35° | <b>28</b><br>332 - 33<br>06:22 - 16:29<br><br>10:07 -1 m. 35° | <b>29</b><br>333 - 32<br>06:23 - 16:29<br><br>10:06 -1 m. 35° | <b>30</b><br>334 - 31<br>06:24 - 16:29<br><br>10:05 -1 m. 34° |
|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|

# Décembre 2017



Jounieh

35.62°E, 33.97°N



Durée du jour le 21 Décembre

Levers et couchers du Soleil à Jounieh (TL  $\pm$  1 mn)

Durée du jour - Variation - Élévation maximale du Soleil (°)

Lundi

Mardi

Mercredi

Jeudi

Vendredi

Samedi

Dimanche

48

49

50

51

52

|  |                                                                      |  |                                                                      |  |                                                                      |  |                                                                      |  |                                                                      |  |                                                                      |  |                                                                      |  |
|--|----------------------------------------------------------------------|--|----------------------------------------------------------------------|--|----------------------------------------------------------------------|--|----------------------------------------------------------------------|--|----------------------------------------------------------------------|--|----------------------------------------------------------------------|--|----------------------------------------------------------------------|--|
|  | <b>4</b> 338 - 27<br>06:27 - 16:28<br><div></div><br>10:01 -1 m. 34° |  | <b>5</b> 339 - 26<br>06:28 - 16:28<br><div></div><br>10:00 -1 m. 34° |  | <b>6</b> 340 - 25<br>06:29 - 16:28<br><div></div><br>9:59 -1 m. 34°  |  | <b>7</b> 341 - 24<br>06:30 - 16:28<br><div></div><br>9:58 -1 m. 33°  |  | <b>8</b> 342 - 23<br>06:31 - 16:29<br><div></div><br>9:58 +0 m. 33°  |  | <b>9</b> 343 - 22<br>06:31 - 16:29<br><div></div><br>9:57 -1 m. 33°  |  | <b>10</b> 344 - 21<br>06:32 - 16:29<br><div></div><br>9:56 -1 m. 33° |  |
|  | <b>11</b> 345 - 20<br>06:33 - 16:29<br><div></div><br>9:56 +0 m. 33° |  | <b>12</b> 346 - 19<br>06:34 - 16:29<br><div></div><br>9:55 -1 m. 33° |  | <b>13</b> 347 - 18<br>06:34 - 16:29<br><div></div><br>9:55 +0 m. 33° |  | <b>14</b> 348 - 17<br>06:35 - 16:30<br><div></div><br>9:54 -1 m. 33° |  | <b>15</b> 349 - 16<br>06:36 - 16:30<br><div></div><br>9:54 +0 m. 33° |  | <b>16</b> 350 - 15<br>06:36 - 16:30<br><div></div><br>9:54 +0 m. 33° |  | <b>17</b> 351 - 14<br>06:37 - 16:31<br><div></div><br>9:53 -1 m. 33° |  |
|  | <b>18</b> 352 - 13<br>06:37 - 16:31<br><div></div><br>9:53 +0 m. 33° |  | <b>19</b> 353 - 12<br>06:38 - 16:32<br><div></div><br>9:53 +0 m. 33° |  | <b>20</b> 354 - 11<br>06:39 - 16:32<br><div></div><br>9:53 +0 m. 33° |  | <b>21</b> 355 - 10<br>06:39 - 16:33<br><div></div><br>9:53 +0 m. 33° |  | <b>22</b> 356 - 9<br>06:40 - 16:33<br><div></div><br>9:53 +0 m. 33°  |  | <b>23</b> 357 - 8<br>06:40 - 16:34<br><div></div><br>9:53 +0 m. 33°  |  | <b>24</b> 358 - 7<br>06:40 - 16:34<br><div></div><br>9:53 +0 m. 33°  |  |
|  | <b>25</b> 359 - 6<br>06:41 - 16:35<br><div></div><br>9:53 +0 m. 33°  |  | <b>26</b> 360 - 5<br>06:41 - 16:35<br><div></div><br>9:54 +1 m. 33°  |  | <b>27</b> 361 - 4<br>06:42 - 16:36<br><div></div><br>9:54 +0 m. 33°  |  | <b>28</b> 362 - 3<br>06:42 - 16:37<br><div></div><br>9:54 +0 m. 33°  |  | <b>29</b> 363 - 2<br>06:42 - 16:37<br><div></div><br>9:55 +1 m. 33°  |  | <b>30</b> 364 - 1<br>06:43 - 16:38<br><div></div><br>9:55 +0 m. 33°  |  | <b>31</b> 365 - 0<br>06:43 - 16:39<br><div></div><br>9:56 +1 m. 33°  |  |